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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2008; month=10; day=29; hr=14; min=17; sec=19; ms=187;
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Application No: 10583927 Version No: 1.0

Input Set:**Output Set:**

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Finished: 2008-09-29 17:33:38.765
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 96 ms
Total Warnings: 149
Total Errors: 0
No. of SeqIDs Defined: 152
Actual SeqID Count: 152

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W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
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W 213	Artificial or Unknown found in <213> in SEQ ID (19)
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W 213	Artificial or Unknown found in <213> in SEQ ID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
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Input Set:

Output Set:

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Total Warnings: 149
Total Errors: 0
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Actual SeqID Count: 152

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (27)
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W 213	Artificial or Unknown found in <213> in SEQ ID (29) This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> TANOX, INC.
 FUNG, Sek Chung
 SINGH, Sanjaya
 HUANG, Dan
 Moyle, Matthew
 LU, Mason
 YAN, Changning

<120> Anti-IL13 Antibodies and Uses Thereof

<130> TNX-1050

<140> 10583927

<141> 2008-09-29

<150> US60/532,130

<151> 2003-12-23

<160> 152

<170> PatentIn version 3.2

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<211> 114

<212> PRT

<213> Homo sapiens

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 35 40 45

Leu Glu Ser Leu Ile Asn Val Ser Gly Cys Ser Ala Ile Glu Lys Thr
 50 55 60

Gln Arg Met Leu Ser Gly Phe Cys Pro His Lys Val Ser Ala Gly Gln
 65 70 75 80

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 85 90 95

Val Lys Asp Leu Leu Leu His Leu Lys Lys Leu Phe Arg Glu Gly Arg
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Phe Asn

<210> 2
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<220>
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20 25 30

Ser Met Val Trp Ser Ile Asn Leu Thr Ala Gly Met Tyr Cys Ala Ala
35 40 45

Leu Glu Ser Leu Ile Asn Val Ser Gly Cys Ser Ala Ile Glu Lys Thr
50 55 60

Gln Arg Met Leu Ser Gly Phe Cys Pro His Lys Val Ser Ala Gly Gln
65 70 75 80

Phe Ser Ser Leu His Val Arg Asp Thr Lys Ile Glu Val Ala Gln Phe
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Phe Asn

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20 25 30

Gly Asn Ser Phe Met His Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
35 40 45

Lys Leu Leu Ile Tyr Leu Ala Ser Asn Leu Glu Ser Gly Val Pro Ala
50 55 60

Arg Phe Ser Gly Ser Gly Ser Arg Thr Asp Phe Thr Leu Thr Ile Asp
65 70 75 80

Pro Val Glu Ala Asp Asp Ala Ala Ser Tyr Tyr Cys Gln Gln Asn Asn
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Glu Asp Pro Arg Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg
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Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Ala Pro Ser Gln
1 5 10 15

Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Leu Asn Ala Tyr

20

25

30

Ser Val Asn Trp Val Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Leu
 35 40 45

Gly Met Ile Trp Gly Asp Gly Lys Ile Val Tyr Asn Ser Ala Leu Lys
 50 55 60

Ser Arg Leu Asn Ile Ser Lys Asp Ser Ser Lys Ser Gln Val Phe Leu
 65 70 75 80

Lys Met Ser Ser Leu Gln Ser Asp Asp Thr Ala Arg Tyr Tyr Cys Ala
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Gly Asp Gly Tyr Tyr Pro Tyr Ala Met Asp Asn Trp Gly His Gly Thr
 100 105 110

Ser Val Thr Val Ser Ser
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<210> 5

<211> 118

<212> PRT

<213> Murinae gen. sp.

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 20 25 30

Asn Ile Asn Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Leu
 35 40 45

Gly Met Ile Trp Gly Asp Gly Ser Thr Ala Tyr Asn Ser Ala Leu Lys
 50 55 60

Ser Arg Leu Ser Ile Ser Lys Asp Asn Ser Lys Ser Gln Ile Phe Leu

65 70 75 80

Lys Met Asn Ser Leu Gln Thr Glu Asp Thr Ala Arg Tyr Tyr Cys Ala

 85 90 95

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 1 5 10 15

Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Ile Val His Ser
 20 25 30

Asn Gly Asn Thr Tyr Leu Gln Trp Tyr Leu Gln Lys Pro Gly Gln Ser
 35 40 45

Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser Gly Val Pro
 50 55 60

Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
 65 70 75 80

Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr Cys Phe Gln Gly
 85 90 95

Ser His Val Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
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Arg Ala

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Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
 20 25 30

Trp Ile Asn Trp Ile Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
 35 40 45

Gly His Ile Ala Pro Gly Ser Gly Ser Thr Tyr Phe Asn Glu Met Phe
 50 55 60

Lys Gly Lys Ala Thr Leu Thr Val Asp Thr Ser Ser Ser Thr Ala Tyr
 65 70 75 80

Ile Gln Leu Ser Ser Leu Ser Ser Glu Asp Ser Ala Val Tyr Phe Cys
 85 90 95

Ala Arg Ser Asp Ile Phe Leu Ser Tyr Ala Met Asp Tyr Trp Gly Gln
 100 105 110

Gly Thr Ser Val Thr Val Ser Ser
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 <212> DNA
 <213> ARTIFICIAL

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 <223> Forward oligonucleotide primer for a mutant IL13 sequence

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<210> 10
 <211> 30
 <212> DNA
 <213> ARTIFICIAL

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<223> Reverse Oligo nucleotide primer of a mutant IL13 sequence

<400> 10

ctcgagggttg aaccgtccct cgcgaaaaag 30

<210> 11

<211> 22

<212> DNA

<213> ARTIFICIAL

<220>

<223> Forward degenerate oligonucleotide primer for monkey IL13

<400> 11

gyyctrggcy ycatggcgct yt 22

<210> 12

<211> 25

<212> DNA

<213> ARTIFICIAL

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<223> Reverse degenerate oligonucleotide primer for monkey IL13

<400> 12

tttcagttga accgtccyty gcgaa 25

<210> 13

<211> 399

<212> DNA

<213> *Macaca fascicularis*

<400> 13

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cagaaccaga aggccccgct ctgcaatggc agcatggtgt ggagcatcaa cctgacagct 180

ggcgtgtact gtgcagccct ggaatccctg atcaacgtgt caggetgcag tgccatcgag 240

aagaccaga ggatgctgaa cggattctgc ccgcacaagg tctcagctgg gcagttttcc 300

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catttaaaga aactttttcg caatggacgg ttcaactga 399

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<213> ARTIFICIAL

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 <223> EPITOPE BINDING SITE

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 Glu Ser Leu Ile Asn Val Ser Gly
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<210> 19
<211> 12
<212> PRT
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<223> EPITOPE BINDING SITE

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Tyr Cys Ala Ala Leu Glu Ser Leu Ile Asn Val Ser
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<210> 20
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<223> FRL1 228B/C-1

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Asn Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu Gly
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<210> 21
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Glu Arg Ala Thr Ile Asn Cys
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Glu Arg Ala Thr Ile Asn Cys
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<210> 23

<211> 23

<212> PRT

<213> ARTIFICIAL

<220>

<223> FRL1 VARIANT J

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Glu Arg Ala Thr Ile Asn Cys
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<210> 24

<211> 23

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<213> ARTIFICIAL

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<223> FRL1 VARIANT L

<400> 24

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Glu Arg Ala Thr Ile Asn Cys
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<210> 25

<211> 23

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Glu Arg Ala Thr Ile Asn Cys
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Glu Arg Ala Thr Ile Asn Cys
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<210> 27

<211> 23

<212> PRT

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<223> FRL1 VARIANT HT2-DP27 #53

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<211> 23

<212> PRT

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Glu Arg Ala Thr Ile Asn Cys
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<210> 29
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Leu Thr Ile Asp Pro Val Glu Ala Asp Asp Ala Ala Ser Tyr Tyr Cys
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<213> ARTIFICIAL

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<223> FRL3 HT2

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Leu Thr Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys
20 25 30

<210> 32

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Leu Thr Ile Asp Pro Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys
20 25 30

<210> 33
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<400> 33

Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr
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Leu Thr Ile Asp Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys
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<210> 34
<211> 32
<212> PRT
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Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Arg Thr Asp Phe Thr
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Leu Thr Ile Asp Pro Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys
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Leu	Thr	Ile	Asp	Pro	Val	Gln	Ala	Glu	Asp	Val	Ala	Val	Tyr	Tyr	Cys
			20					25					30		

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